

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	1228	("XC" or cross\$connect\$3 or (cross near2 connect\$3)) and (fiber with ring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/30 13:46
L3	1009	("XC" or cross\$connect\$3 or (cross adj connect\$3)) and (fiber with ring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/30 13:47
L4	639	("XC" or cross\$connect\$3 or (cross adj connect\$3)) and (fiber near3 ring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/30 13:55
L6	2	(inter\$board adj optical adj interconnection adj device).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/30 13:55
L7	94	("XC" or cross\$connect\$3 or (cross adj connect\$3)) and ((fiber or optical) near3 ring) and back\$plane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/30 13:56
L8	94	("XC" or cross\$connect\$3 or (cross adj connect\$3)) and ((fiber or optical) near3 ring) and back\$1plane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/30 14:04
L9	94	("XC" or "OXC" or cross\$connect\$3 or (cross adj connect\$3)) and ((fiber or optical) near3 ring) and back\$1plane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/30 14:04
L10	0	("2005/0168962").URPN.	USPAT	OR	ON	2006/08/30 14:14
L11	1	2005-569622.NRAN.	DERWENT	OR	ON	2006/08/30 14:14
L12	1	2005-569622.NRAN.	DERWENT	OR	ON	2006/08/30 14:14
L13	0	("2006/0056844").URPN.	USPAT	OR	ON	2006/08/30 14:16

## EAST Search History

S1	7	((("6256235") or ("6441638") or ("5987546") or ("5938751") or ("4597084") or ("5087900") or ("6538525"))).PN.	US-PGPUB; USPAT	OR	OFF	2005/10/20 11:39
S2	162	(ring with connection) and sonet and (back\$plane or (back with plane))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/20 13:25
S3	14	(ring with connection) and sonet and (back\$plane or (back with plane)) and blade	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/20 13:26
S4	75	(ring with connection) and sonet and (back\$plane or (back with plane)) and (blade or (circuit with card))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/20 13:28
S5	1	(ring with connection) and sonet and (back\$plane or (back with plane)) and (blade or (circuit with card)) and by\$pass and through and power and joint	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/20 13:35
S6	0	("2005/0168962").URPN.	USPAT	OR	ON	2005/10/20 13:27
S7	34	(ring with connection) and sonet and (back\$plane or (back with plane)) and (blade or (circuit with card)) and optical and electric\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/20 13:30
S8	125	ring and sonet and (back\$plane or (back with plane)) and (blade or (circuit with card)) and optical and electric\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/20 13:30
S9	1	(ring with connection) and sonet and (back\$plane or (back with plane)) and (blade or (circuit with card)) and by\$pass and through and power and joint and add and drop and through	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/20 13:35

## EAST Search History

S10	121	("4967405"   "4998242"   "5031093"   "5040170"   "5181106"   "5185736"   "5189673"   "5191456"   "5283678"   "5301050"   "5303229"   "5315594"   "5446726"   "5495483"   "5497363"   "5512936"   "5519731"   "5521906"   "5533008"   "5534912"   "5539777"   "5557612"   "5572347"   "5576874"   "5581479"   "5594491"   "5594576"   "5596604"   "5604682"   "5606577"   "5608725"   "5612742"   "5613068"   "5613190"   "5619505"   "5623513"   "5623543"   "5625651"   "5627501"   "5627863"   "5636139"   "5636224"   "5668857"   "5687014"   "5715248"   "5756280"   "5790548"   "5812786"   "5818511"   "5848065"   "5852655"   "5905781"   "5910970"   "5926472"   "5930238"   "6097722"   "6104749"   "6160806"   "6252877"   "6262976"   "6314102"   "6385203"   "6407997"   "6456600"   "6480487"   "6529479"   "6574669"   "6587470"   "6611526").PN. OR ("2002/0064221"   "2003/0147375"   "2004/0184249"   "2004/0240882"   "2005/0083926"   "6314102"   "6587470"   "6597689"   "6738825"   "6804248").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/20 13:55
S11	112	S10 not S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/20 13:56

## EAST Search History

S12	12	(US-20020064221-\$ or US-20030147375-\$ or US-20040184249-\$ or US-20040240882-\$ or US-20050083926-\$).did. or (US-6314102-\$ or US-6587470-\$ or US-6597689-\$ or US-6738825-\$ or US-6804248-\$ or US-6693901-\$ or US-6834049-\$).did.	US-PGPUB; USPAT	OR	ON	2005/10/20 14:08
S13	2	S12 and ("BLSR" or (bi\$directional with line with switch with ring))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/20 14:31
S14	1	((low and high) with speed) same (cross\$connect) same ((one or single) with (blade or (cirucit with card)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/20 14:33
S15	1	((low and high) with speed) same (cross\$connect) same (blade or (cirucit with card))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/20 14:34
S16	1	((low and high) with speed) or ("HS" and "LS" and "xc")) same (cross\$connect) same (blade or (cirucit with card))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/20 14:34
S17	3117	("LS" or (low near2 speed) or low\$speed) same ("HS" or (high near2 speed) or high\$speed) same ("xc" or (cross near2 connect\$3) or cross\$connect\$3) same (blade or card or circuit\$card or circuit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/20 14:37
S18	816	("LS" or (low near2 speed) or low\$speed) same ("HS" or (high near2 speed) or high\$speed) same ("xc" or (cross near2 connect\$3) or cross\$connect\$3) same (blade or card or circuit\$card)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/20 14:40

## EAST Search History

S19	7	((("LS" or (low near2 speed) or low\$speed) same ("HS" or (high near2 speed) or high\$speed) same ("xc" or (cross near2 connect\$3) or cross\$connect\$3) same (blade or card or circuit\$card)) and (back\$plane or (back adj plane)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/20 14:37
S20	40	("4811340"   "4888765"   "4967405"   "4967410"   "4998242"   "5001708"   "5007070"   "5030951"   "5033064"   "5040170"   "5050164"   "5054050"   "5062105"   "5067126"   "5079763"   "5111485"   "5131013"   "5134614"   "5144297"   "5151935"   "5161152"   "5165091"   "5168494"   "5185736"   "5189673"   "5195124"   "5210745"   "5214651"   "5278824"   "5282195"   "5297180"   "5598445"   "5640387").PN. OR ("6333940").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/20 14:38
S21	16	((("LS" or (low near2 speed) or low\$speed) same ("HS" or (high near2 speed) or high\$speed) same ("xc" or (cross near2 connect\$3) or cross\$connect\$3) same (blade or card or circuit\$card)) and optical and electrical	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/20 14:46
S22	5	sonet with (circuit\$card or blade)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/20 14:49
S23	1	2005-569622.NRAN.	DERWENT	OR	ON	2005/10/20 14:50
S24	11	((("6206578") or ("5394503") or ("4653845") or ("6917763") or ("6819830") or ("20040208430") or ("20030169570") or ("6839780") or ("6931211") or ("6437894") or ("6375362"))).PN.	US-PGPUB; USPAT	OR	OFF	2005/10/26 13:53
S25	1	(optical with transmission) same shelf same ((high adj speed) or "HS") same ((low adj speed) or "LS") same (cross\$connect or (cross adj connect) or "xc")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/26 15:26

## EAST Search History

S26	0	("2005/0168962").URPN.	USPAT	OR	ON	2005/10/26 15:15
S27	8	(optical with transmission) same shelf same (cross\$connect or (cross adj connect) or "xc")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/26 15:15
S28	0	("2005/0074990").URPN.	USPAT	OR	ON	2005/10/26 15:17
S29	160	optical with blade with transmission	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/26 15:23
S30	1	2005-569622.NRAN.	DERWENT	OR	ON	2005/10/26 15:22
S31	1	2005-569622.NRAN.	DERWENT	OR	ON	2005/10/26 15:22
S32	5	(back\$plane or (back near2 plane)) same ("BLSR" or (bi\$direction\$2 with line with switch with ring))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/26 15:24
S33	0	("2002/0089996").URPN.	USPAT	OR	ON	2005/10/26 15:25
S34	316	shelf same (cross\$connect or (cross adj connect) or "xc")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/26 15:26
S35	196	optical and (shelf same (cross\$connect or (cross adj connect) or "xc"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/26 15:26
S36	17	("4394541"   "4862161"   "4914429"   "5091903"   "5214640"   "5237565"   "5263121"   "5295134"   "5390178"   "5414706"   "5436890"   "5479608").PN. OR ("5982746").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/26 15:38
S37	0	("2002/0012513").URPN.	USPAT	OR	ON	2005/10/26 15:44
S38	1	("2003/0016932").URPN.	USPAT	OR	ON	2005/10/26 16:45

## EAST Search History

S39	115	("3651392"   "4365863"   "4369523"   "4437190"   "4470154"   "4519670"   "4530566"   "4563774"   "4580873"   "4612670"   "4634239"   "4797879"   "4817014"   "4843382"   "4856863"   "4859012"   "4886335"   "4897830"   "4903225"   "4982446"   "4984238"   "5035482"   "5037173"   "5157652"   "5216729"   "5253274"   "5260819"   "5272556"   "5299044"   "5349550"   "5355238"   "5359683"   "5440654"   "5477364"   "5485300"   "5487120"   "5488862"   "5515361"   "5521732"   "5521734"   "5524153"   "5535293"   "5539328"   "5570371"   "5608735"   "5629790"   "5629919"   "5648618"   "5666487"   "5694389"   "5699463"   "5719903"   "5727098"   "5729527"   "5745274"   "5774604"   "5781537"   "5793746"   "5801863"   "5825877"   "5825949"   "5828476"   "5864643"   "5867289"   "5892606"   "5900968"   "5903687"   "5915063"   "5942937"   "5960132"   "5963350"   "5970201"   "5978113"   "6002818"   "6005993"   "6008915"   "6009220"   "6046833"   "6047331"   "6069924"   "6072612"   "6081361"   "6097858"   "6097859"   "6108311"   "6130876"   "6147968"   "6148124"   "6160821"   "6185021"   "6188810"   "6188814"   "6192172"   "6195402"   "6198571"   "6207949"   "6222954"   "6252689"   "6253001"   "6272154"   "6278812"   "6285809"   "6295154"   "6301402"   "6317530"   "6374008"   "6392220"   "6400730"   "6601482").PN. OR ("6650803").	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/26 16:49
8/30/06 2:53:33 PM	URPN					Page 7

## EAST Search History

S40	0	("2004/0258058").URPN.	USPAT	OR	ON	2005/10/26 17:01
S41	2138	385/134-135.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 09:54
S42	121	S41 and (back\$plane or (back adj plane))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 09:54
S43	2568	bypass with (card or blade)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 10:03
S44	251	(bypass with (card or blade)) and optical	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 10:03
S45	10	(bypass with (card or blade)) and optical and (cross\$connect or (cross adj connect))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 10:06



## EAST Search History

S46	57	("4731823"   "4791663"   "4802199"   "4897870"   "4924500"   "4982421"   "5023904"   "5130982"   "5138657"   "5181238"   "5193087"   "5214692"   "5276444"   "5293376"   "5406583"   "5425085"   "5430717"   "5459779"   "5463686"   "5465294"   "5475749"   "5481600"   "5481604"   "5510777"   "5517562"   "5524142"   "5526413"   "5533111"   "5537461"   "5537464"   "5537468"   "5539817"   "5550820"   "5550912"   "5557667"   "5566235"   "5570410"   "5574783"   "5583926"   "5583929"   "5619562").PN. OR ("5970130"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/27 10:04
S47	439	((power or through or joint) with (card or blade)) and optical and (cross\$connect or (cross adj connect))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 10:07
S48	167	((power or joint) with (card or blade)) and optical and (cross\$connect or (cross adj connect))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 10:08
S49	54	((power or joint) near2 (card or blade)) and optical and (cross\$connect or (cross adj connect))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 10:08
S50	13	("3701854"   "3701855"   "3843845"   "3935396"   "3973085"   "4061887").PN. OR ("4112261").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/27 10:08
S51	4	("5388102"   "5625780"   "6587470").PN. OR ("6693901"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/31 14:16

## EAST Search History

S52	12	Infiniband and (back\$plane same disconnect\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 15:01
S53	31	Infiniband and (back\$plane same remov\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 15:01
S54	400	(optical near2 (transmission or communication)) and ((two\$fiber or (two near2 fiber)) with ring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 14:51
S55	23	S54 and (blade or enclosure)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 13:55
S56	40	S54 and (blade or enclosure or rack)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 14:03
S57	0	("2005/0168962").URPN.	USPAT	OR	ON	2006/04/10 14:03
S58	95	S54 and (blade or enclosure or rack or card)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 14:03
S59	55	S58 not S56	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 14:03
S60	35	("4688266"   "4973953"   "4994675"   "5105188"   "5136410"   "5136589"   "5146357"   "5299312"   "5327427").PN. OR ("5535035").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 14:03

## EAST Search History

S61	35	("4688266"   "4973953"   "4994675"   "5105188"   "5136410"   "5136589"   "5146357"   "5299312"   "5327427").PN. OR ("5535035").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 14:04
S62	0	("2004/0234194").URPN.	USPAT	OR	ON	2006/04/10 14:24
S63	49	(US-20050089027-\$ or US-20030016932-\$ or US-20030012542-\$ or US-20020089996-\$ or US-20040258058-\$ or US-20020048066-\$ or US-20020012513-\$ or US-20030099231-\$ or US-20040184249-\$ or US-20040240882-\$ or US-20040015597-\$ or US-20020003639-\$ or US-20020044315-\$ or US-20040109408-\$ or US-20050088982-\$).did. or (US-6804248-\$ or US-6813407-\$ or US-6728460-\$ or US-6658192-\$ or US-6650803-\$ or US-5712942-\$ or US-5497363-\$ or US-6650808-\$ or US-5781527-\$ or US-6721482-\$ or US-6693901-\$ or US-6834049-\$ or US-5982746-\$ or US-6587470-\$ or US-5576874-\$ or US-4704713-\$ or US-5159595-\$ or US-5442623-\$ or US-5515367-\$ or US-5532862-\$ or US-5535035-\$ or US-5625478-\$ or US-5760934-\$ or US-5909298-\$ or US-5923449-\$ or US-5930016-\$).did. or (US-5953141-\$ or US-5983294-\$ or US-6049525-\$ or US-6130764-\$ or US-6249510-\$ or US-6771907-\$).did. or (JP-09065384-\$).did. or (EP-743772-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/04/10 14:44
S64	18	S63 and back\$plane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 14:44
S65	0	("2002/0089996").URPN.	USPAT	OR	ON	2006/04/10 14:48

## EAST Search History

S66	9	(optical near2 (transmission or communication)) and ((two\$fiber or (two near2 fiber)) with ring) and backplane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 14:52
S67	8	(optical near2 (transmission or communication)) and ((two\$fiber or (two near2 fiber)) with ring) and backplane and (blade or enclosure or rack or card)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 14:51